

CHESHIRE COUNTY COUNCIL

EDUCATION COMMITTEE



REPORT

for the year 1958

BY

**The Principal
School Medical Officer**



CHESTER:

PHILLIPSON AND GOLDER LTD., FRODSHAM STREET

STAFF

Principal School Medical Officer:

ARNOLD BROWN, M.B., CH.B., D.P.H.

Deputy Principal School Medical Officer:

B. G. GRETTON-WATSON, M.A., M.B., B.CH., D.P.H., Barrister-at-Law

Senior School Medical Officer:

H. CRAIG, L.R.C.P. & S., L.R.F.P.S.

Assistant County Medical Officers:

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| JESSIE ANDERSON, M.B., CH.B., D.P.H. | AITOLIA ENGLISH, M.R.C.S., L.R.C.P., M.B., B.S., D.C.H. |
| R. A. BLYTH, M.B., CH.B., M.R.C.S., L.R.C.P. | JOYCE HOLLAND, M.B., CH.B. |
| R. CARGILL, M.B., CH.B. | BARBARA JONES, M.B., CH.B. |
| MARGARET CATON, M.R.C.S., L.R.C.P. | CITA KERSHAW, M.B., B.S. |
| R. J. CLARK, M.B., CH.B., D.P.H. | HILDA LEVIS, M.R.C.S., L.R.C.P., M.B., B.S., D.P.H. |
| JENNY CRAIG, M.B., CH.B., D.P.H. | H. SUMMERS, M.SC., M.B., CH.B. |
| HILDA DEAN, M.R.C.S., L.R.C.P. | JESSIE TOUGH, M.B., CH.B., D.P.H. |
| | JOYCE VASEY, M.B., B.S. |

Divisional School Medical Officers:

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| Altrincham—D. LONGBOTTOM, M.B., CH.B., D.P.H. | Nantwich—R. K. HAY, M.D., B.CH., B.A.O., D.P.H. |
| Bebington—F. S. MELVILLE, M.B., CH.B., D.P.H. | N.E. Cheshire—T. W. BRINDLE, M.B., CH.B., D.P.H. |
| Cheadle and Wilmslow—D. G. ANDERSON, M.B., CH.B., D.P.H. | Runcorn—J. L. PATTERSON, M.B., CH.B., D.P.H. |
| Crewe—D. G. CRAWSHAW, M.B., M.R.C.S., D.C.H., D.P.H. | Sale and Lymm—E. H. GORDON, M.D., B.CH., B.A.O., D.P.H. |
| Deeside—J. HATTON, M.D., D.P.H. | S.E. Cheshire—L. RICH, M.B., CH.B., M.R.C.O.G., D.P.H. |
| Hyde—F. W. C. BROWN, M.D., D.P.H. | S.W. Cheshire—W. J. BIRCHALL, M.B., M.R.C.S., L.R.C.P., D.P.H. |
| Macclesfield—W. R. PLEWS, L.R.C.P. & S., D.R.C.O.G., D.P.H. | Stalybridge and Dukinfield— T. HOLME, M.B., CH.B., D.P.H. |
| Mid-Cheshire—W. S. SLATER, M.B., M.R.C.S., D.P.H. | |

Paediatrician (Part-time):

J. D. ALLAN, M.D., F.R.C.P.

Ophthalmic Surgeons (Part-time):

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|---|---------------------------------|
| B. BOAS, M.D. | C. JACOBS, M.D., M.B., B.S. |
| P. J. DEVLIN, M.B., CH.B., D.O.M.S. | E. RILEY, M.B., CH.B., D.O.M.S. |
| A. HOLMES-SMITH, M.A., M.B., B.CHIR., D.O.M.S. | L. R. C. ROSE, L.M.S.S.A., D.O. |
| | DOROTHY SIMMONS, M.B., CH.B. |

Orthopaedic Surgeons (Part-time):

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|-------------------------------------|---|
| T. JACKSON, M.R.C.S., L.R.C.P. | G. T. PARTRIDGE, M.A., M.B., F.R.C.S. |
| E. M. KUPFER, M.B., B.S., F.R.C.S. | |
| J. L. MANGAN, F.R.C.S.I. | R. ROAF, M.A., F.R.C.S. |
| K. MARKS, F.R.C.S., M.CH. | G. A. WETHERELL, M.B., M.CH., F.R.C.S. |
| T. McSWEENEY, M.B., M.CH., F.R.C.S. | |
| A. G. O'MALLEY, M.CH., F.R.C.S. | |

Ear, Nose and Throat Surgeon (Part-time):

E. M. INNES, B.SC., M.B., CH.B., F.R.C.S., D.L.O.

Consultants in Audiology (Part-time):

PROFESSOR SIR ALEX EWING DR. I. G. TAYLOR

School Dental Surgeons:

| | |
|--------------------------------------|---------------------------------------|
| A. F. HELY, C.B., L.D.S. (Principal) | A. N. LEICESTER, B.D.S. |
| EDITH ANDREW, L.D.S. | J. G. McCracken, B.D.S. |
| J. B. ANDREW, B.D.S., R.C.S. | H. P. MEED, L.D.S. |
| E. BRADLEY, L.D.S. | RUTH OWEN, L.D.S. |
| DOROTHY COATES, L.D.S. | BARBARA PETRIE, L.D.S. (part-time) |
| G. H. CRAINE, B.D.S. | E. S. POULTER, L.D.S. |
| D. M. DODD, B.D.S. | J. A. REECE, L.D.S. |
| G. J. HARTLEY, L.D.S. | H. W. S. SHEASBY, L.D.S. |
| H. S. HOLLAND, B.D.S., L.D.S. | E. J. TAYLOR, L.D.S. |
| R. H. HURST, L.D.S. | E. TWELVES, L.D.S. |
| H. JACKSON, L.D.S. | DOROTHY WALKER, L.D.S. |
| LISBETH KIPPEN, L.D.S., D.P.D. | |

Health Visitors and School Nurses: 115.

Dental Nurses and Attendants: 24.

Clerk-Attendants: 12.

Speech Therapists:

| | |
|----------------------------|--------------------------|
| JOYCE DAVENPORT, L.C.S.T. | KATHLEEN JONES, L.C.S.T. |
| RAYLEEN EATON, L.C.S.T. | VALMAI KENYON, L.C.S.T. |
| MARGARET JOHNSON, L.C.S.T. | JOAN WREN, L.C.S.T. |

Chief Administrative Assistant:

B. O'CONNOR, M.A., Barrister-at-Law

Occupational Therapist :

MARGARET BACON. †

Physiotherapists :

CHRISTINA COOKE

JOYCE URMSON. †

Psychological Social Worker:

MARGARET CLARK

†Appointed for treatment of children suffering from cerebral palsy

INTRODUCTION

*To the Chairman and Members
of the County Education Committee.*

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report on the School Health Services for the year 1958.

The number of pupils enrolled was 122,332, an increase of 1,229 over the previous year. 82.88% of those present received school milk and 54.23% school meals.

The establishment of School Medical Officers had remained unaltered at 13 since 1948 although the school population had increased since then by almost half and the scope of the work of the medical officers had been widened to include more child welfare centres, vaccination, and immunisation sessions. One school medical officer has gained valuable experience in the investigation and guidance of maladjusted children and another has specialised in estimating the mental capacity of spastics and other handicapped school children. These extensions of duties have been made possible by the employment of clerk attendants and the great reduction in the number of minor ailment clinics attended by the school doctors. The treatment of minor ailments at school clinics is no longer an important duty of a school doctor, so that the frequency of school clinics attended by a doctor has been drastically reduced and they are now used for such essential purposes as special examinations and reports, and when possible, immunisations and vaccinations. The programme of school medical inspections for 1958 could not be completed, so that two additional Assistant Medical Officers were appointed, raising the number employed to 15.

These additional appointments have enabled a re-arrangement of areas to be made for which individual doctors are responsible and the principle has been adopted that, so far as may be possible, secondary schools and their contributory primary schools should be treated together as units and served by the same doctor. This principle cannot apply to grammar schools as their "catchment" areas are wider and not so well defined. In order to achieve continuity of care, particularly of handicapped children, school medical officers attend the Young Children's Clinics in their areas where children between the ages of two and five years are examined by appointment. Vision is tested at these clinics by means of Sjögren's test cards and particular care is taken of those young children found to have defective hearing.

Infants are screened to determine deafness at the age of one year by health visitors who have been trained in this work. In addition, selected health visitors have been trained in methods of ascertaining deafness in infants and young children, the use of the audiometer and

in the use and management of hearing aids. Those children found to be deaf are examined by the Assistant Medical Officers and referred to Ear, Nose and Throat Specialists, either at county clinics or at hospitals, who carry out the appropriate treatment if the deafness is due to a treatable cause. The staff of the Manchester University Department of Education of the Deaf attend quarterly at each of five county clinic centres to advise on educational treatment. A qualified teacher of the deaf has also been appointed who will give tuition at county clinic centres in lip-reading and the use of the hearing aid to those partially deaf children considered to be capable of receiving benefit. Instead of going to special residential schools for the partially deaf, it is hoped that these children will be satisfactorily educated at ordinary schools.

23 full-time and 1 part-time Dental Surgeons are now employed. Although the dental staff is not complete, a reasonable school dental service is available throughout the county except in one area where an emergency service only is maintained. It will be noted that in his report the Principal School Dental Officer states that 76% of school children were inspected in 1958 which is an increase of 13% on the previous year.

The statistics regarding the physical condition of school children show continued improvement. It is interesting to note that the number of school children known to have had tonsils and adenoids removed during the year has been exactly halved in the last five years.

66 pupils were reported to the Education Committee as possibly ineducable and 60 of these were, after examination, ascertained to be ineducable and notified as such to the Local Health Authority. Of the remaining six, three were allowed to remain in an ordinary school, two were recommended for a special school and a decision was deferred in one instance. Three children previously thought ineducable were examined for the reversal of procedure and two of them were then considered to be educable.

Efforts to recruit the members of a "psychological team" have met with only limited success. One social worker is already at work and another is available for "in post" training. It is hoped that a psychologist will commence work in October. One team under the Senior School Medical Officer, of half the size of a child guidance team as recommended by the Ministry of Education, is very little to show for more than a year's effort, but the truth is that satisfactory staff is exceedingly difficult to find.

Child psychiatric units have been set up by the Liverpool Regional Hospital Board at Clatterbridge and Chester Hospitals. Co-operation with the Consultant Psychiatrist was readily established and has developed very considerably since the unit was first constituted and since a mutual confidence has been established.

The work of the "cerebral palsy team" is specially mentioned by the County Paediatrician in his report. The paediatric service in that part of Cheshire which is not served by any hospital paediatric unit retains its usefulness and, organised as it is on the basis of a Consultant Paediatrician attached to a hospital group in East Cheshire, is an essential link between the County Health and School Health Services on the one hand, and the Hospital Service on the other. The two paediatricians and the psychiatrist on the staff of the Clatterbridge and Chester hospitals attend monthly conferences with the Deputy Principal School Medical Officer and the social and educational treatment of children attending those hospitals either as in- or out-patients is discussed.

The response to vaccination against tuberculosis by B.C.G. amongst school children of 13 and 14 years of age continues to be excellent. At the request of Professor Gaisford of Manchester University a trial was made in the north-eastern portion of the county of using Glaxo freeze-dried B.C.G. vaccine injected by the Heaf percutaneous method instead of the usual intradermal injections done by means of a hypodermic syringe. It would not be possible to carry out the extensive immunisation and vaccination programmes if it were not for the help and co-operation so willingly given by the Head Teachers of schools and their Staffs, and I tender to them my most grateful thanks.

For the first time in this series of reports, details are given of the results of sampling of milk supplied in schools. It will be agreed that the figures shown are very satisfactory and that the improvement in the cleanliness of school milk over the previous year amply justifies the extra care taken.

It is only through willing co-operation and help given by the Director of Education, his administrative staff, the Head Teachers and indeed all Teachers employed, that an efficient Schools Health Service can be maintained, and I tender to them my grateful thanks.

I acknowledge with deep gratitude the continued help and co-operation which I have received throughout the year from the members of the Education Committee, the Clerk of the County Council, the County Treasurer and County Architect and the members of their staffs, and lastly I thank most sincerely the members of my own staff, both professional and lay, without whose unfailing efforts and friendship the work of the Schools Health Service could not be properly performed.

I beg to remain,

Your obedient servant,

ARNOLD BROWN,

Principal School Medical Officer.

July, 1959.

General Statistics

The Administrative County of Cheshire comprised 42 County Districts, namely 10 Municipal Boroughs, 22 Urban Districts and 10 Rural Districts.

The population estimated by the Registrar-General at mid-1958 was 868,800.

The total number of Schools in the educational area at 31/12/58 with their enrolments was as follows:—

| | | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-----|--------|
| Primary | ..... | ..... | ..... | ..... | ..... | 460 | 76,674 |
| Secondary (Grammar) | ..... | ..... | ..... | ..... | ..... | 22 | 15,745 |
| Secondary (Modern) | ..... | ..... | ..... | ..... | ..... | 73 | 29,913 |

At the end of 1958 there were 96,982 children in maintained schools receiving school milk (82.88% of those present) and 63,331 receiving school meals (54.23% of those present). Of the 63,331 meals 2,188 were supplied free.

No school was closed on the recommendation of the Principal School Medical Officer in 1958 on account of infectious disease.

The School Dental Service in 1958.

(from Mr. A. F. Hely)

(1) General

Despite the many vicissitudes through which it is passing, the School Dental Service has managed to hold its own in the County during 1958.

This is not a matter for complacency as dental disease is undoubtedly on the increase and, as school populations grow, so does the demand for the services of the dental officer. Statistics collected by the Ministry of Education show that what is called the D.M.F. rate, that is, the proportion of teeth which are decayed, missing or filled, is increasing, particularly in school entrants.

The answer to this problem is an increase in dental officers, but as I reported last year, the salary and prospect of advancement offered to dental officers in public appointments compare unfavourably with the remuneration obtainable in private practice, so that young men are not tempted to enter the Service.

In the Joint Memorandum of Evidence submitted to the Royal Commission on the Remuneration of Doctors and Dentists, the Local Authorities Association implied, in para 97(h), that the Local Authority Dental Officer need not be as proficient or skilled as his professional colleague in private practice. This unfortunate statement, which was reported in the Professional Journal, has not encouraged young men to interest themselves in the Schools Dental Service as a career. The general situation is depressing, and likely to persist for some years.

(2) Staffing

The situation with regard to staff improved slightly from 1957. Two dentists resigned, one to take up private practice, the other on her marriage.

On the credit side, three full-time, and one part-time dental officers were recruited to the permanent staff, and one dental surgeon served temporarily with the County for six months, providing some much needed assistance in the Crewe area.

It is interesting to note that twenty-one dental surgeons were personally interviewed, or communicated with, to obtain this small result.

(3) Clinics

- (a) The Principal School Dental Officer inspected all clinics during the year and several major articles of equipment were replaced.
- (b) The X-ray apparatus in Bebington has been in constant use and is much appreciated by the dental officers in the Wirral.

(4) Statistics

(a) Staff

The dental staff, expressed in terms of whole-time officers working throughout the year, numbered 21.4 plus the Principal Dental Officer.

Of this number 16 dental officers completed a full year's work, and 10 others performed work equivalent to 5.4 whole-time dental officers. Four of these 10 officers were permanent and new appointments who commenced duty during the year, 3 were permanent officers who incurred protracted sick leave, 2 resigned during the year, and 1 was a temporary appointment. Every effort is being made to increase the staff to its establishment of 28.

(b) Inspections

With the exception of Winsford, which was still without a permanent dental officer, all other areas were allocated to dental officers, and 76% of the school population was inspected during 1958, an increase of 13% on the figures shown in 1957.

A clinic for emergency work was maintained throughout the year at Winsford on a weekly basis.

The actual number of children inspected during the year increased by over 3,500 and the percentage of these found to require treatment was 57.5% compared with 58.4% in 1957.

The average number of children inspected per dental officer in 1958 was 3,858 compared with the national figure for 1957 of 3,420.

(c) Children Treated

Each dental officer treated an average of 1,416 children in 1958 compared with the national figure of 1,319 for 1957.

(d) Fillings and Extractions

More permanent teeth were filled during the year than in 1957, and it is gratifying to note a better balance between fillings and extractions.

A comparison between the national figure per 100 children, and the figure for Cheshire County per 100 children treated shows:—138 fillings per 100 children in Cheshire County and 137 fillings per 100 children averaged over the whole country.

The comparative extraction figure shows 130 per 100 children Cheshire County, and 130 per 100 children national.

(e) Orthodontics and Other Operations

The demand for orthodontic treatment increases and it is unfortunate that more time cannot be devoted at present to this branch of dentistry.

A comparison with 1957 shows an increase in attendances for orthodontic treatment from 1822 to 1974, whilst 183 children were referred to hospital for specialist treatment.

During the year 177 school children were fitted with artificial dentures, and crowns were fitted in 30 cases.

The number of X-ray photographs taken increased to 326 from 144 in 1957. This increase is due to full use being made of the machine in the Bebington Clinic.

Holiday Appointments

The number of children who attended clinics for dental treatment during school holidays was satisfactory, and 65% of the appointments made for treatment were kept.

Special Schools

The Torpenhow, Grappenhall Hall and Capenhurst Grange special schools all received regular visits during the year. The necessary dental operations were carried out on the school premises in most cases.

Acknowledgements

I wish to record my thanks to the Head Teachers and teaching staff in County Schools for the assistance which they have so readily given to us during the year.

My grateful thanks are due to all members of the staff in the field and at the County Hall for the co-operation which has always been shewn to me.

School Buildings

The following major works were completed or in progress during 1958. In addition to these works a large number of minor works of alterations, additions and improvements were carried out as well as the normal maintenance work to schools throughout the County:

New Schools Completed and Occupied

Barnton Secondary School
Christleton Secondary School
Crewe Secondary School for Girls
Macclesfield Secondary School for Boys
Marple Primary School
Huntington Primary School
Partington Primary School
Runcorn Secondary School

Extensions and Alterations to existing Schools completed

Altrincham Wellington Road Secondary School
Bebington Secondary School
Crewe Training College—2nd New Hostel
Lymm Controlled Grammar School
Macclesfield High School for Girls
Poynton Primary School
Sale Moor Secondary School
Sale County Grammar School for Girls
Tattenhall Secondary School
West Kirby Grammar School for Girls
Winsford Verdin Grammar School
Wistaston Primary School
Altrincham Grammar School for Girls
Helsby Grammar School for Boys and Girls

New Schools in course of erection

Crewe Grammar School for Girls
Ellesmere Port Grammar School
Marple Grammar School
Knutsford Norbury Booth's Junior School
Cheadle Turves Road Primary School
Sandbach Secondary School
Malpas Secondary School
Nantwich Secondary School

Extensions and Alterations to existing Schools in progress

Bredbury Secondary School
Crewe Training College—3rd New Hostel
Hyde Flowery Field Secondary School
Altrincham Broomwood Junior School

SPECIAL SERVICES REPORTS

Ear, Nose and Throat Service.

(from Mr. E. Innes).

There are just two points that I should like to mention about the E.N.T. branch of the Service last year.

(1) The waiting time for cases of removal of tonsils and adenoids continued to decrease. For part of the year it was only a few weeks. Urgent cases can be admitted very quickly.

(2) Increasing use was made of the facilities offered by Professor Ewing for assessing the exact degree of hearing loss and also the steps to be taken about the future education of the partially deaf child.

In many cases Professor Ewing's specialised equipment and personnel can do this much better than is possible at any school clinic.

Quite a few partially deaf children have been fitted with hearing aids and by this means have managed to continue at an ordinary school.

A new light-weight transistor hearing aid is now being issued by the National Health Service. Though there are not yet enough of these to be issued generally, children are given priority.

For several reasons one is rather unwilling to advise a child to use a hearing aid. The advantages gained, however, by his being able to continue at an ordinary school by far outweigh the disadvantages.

ATTENDANCES AT E.N.T. CLINICS, 1958

(School Children only)

| | | | |
|----------------------|----|--------------------|----|
| Alsager | 58 | Hazel Grove | 38 |
| Cheadle | 54 | Macclesfield | 26 |
| Congleton | 10 | Northwich | 45 |
| Crewe | 33 | Poynton | 30 |
| Dukinfield | 67 | Sandbach | 70 |
| Ellesmere Port | 88 | Winsford | 47 |

Ophthalmic Service

(from Dr. A. Holmes-Smith).

The year 1958 has seen continued progress in the Ophthalmic Service. Early in the year a lecture was delivered to the School Medical Officers on the Assessment of Visual Acuity and on Colour Vision. As a result the Sjögren Hand Test Type has been introduced for use throughout the County in determining the visual acuity of younger children, and School Medical Officers are to be provided with a simplified Ishihara Test for detecting defects of colour vision.

The Sjögren Hand Test consists of a series of pictures of hands whose fingers are spaced out and of the thickness corresponding to the letters of Snellen's distance types. These can be shewn to the child who holds his hand in the position of the picture. The method is applicable to the children of 3-6 years who are uncertain when confronted with letters; fewer children who can see clearly but are confused by letters and therefore thought to have defect of vision are now referred to your Ophthalmologist.

The general field of Ophthalmology has been interested in Pleoptics—a modification of certain principles of Orthoptics connected with stimulation of the macula in the amblyopic patient. Considerable work has been carried out in both Germany and Switzerland, but it is felt that the method is too specialized and time consuming for general use in the School Ophthalmic Service although it might be valuable in certain selected cases—e.g. the patient with an amblyopic eye who loses the sight of the good eye by accident.

May I draw attention to eye injuries arising from the use of air-guns, bows and arrows, and fireworks. These “amusements” in the hands of young children are the commonest causes of loss of sight of a child's eye, and their dangers need stressing to both parents and children since accidents arising from them are preventible.

In conclusion I would like once again to thank the Health Visitors for their valuable help in the Ophthalmic Clinics.

ATTENDANCES AT EYE CLINICS, 1958.

| | | | |
|----------------------|-----|----------------|------|
| Alsager | 247 | Lymm | 234 |
| Bollington | 120 | Macclesfield | 1161 |
| Bredbury | 192 | Marple | 119 |
| Cheadle | 248 | Middlewich | 214 |
| Cheadle Hulme | 129 | Nantwich | 243 |
| Congleton | 296 | Neston | 183 |
| Crewe—Ludford Street | 132 | New Ferry | 945 |
| Stalbridge Road | 7 | Northwich | 1029 |
| Dukinfield | 310 | Poynton | 96 |
| Ellesmere Port | 676 | Runcorn | 503 |
| Frodsham | 314 | Sale | 421 |
| Hale | 474 | Sandbach | 510 |
| Hazel Grove | 180 | Stalybridge | 262 |
| Heswall | 322 | Stockton Heath | 174 |
| Hoole | 135 | Tarporley | 100 |
| Hoylake | 301 | Weaverham | 291 |
| Hyde | 254 | Wilmslow | 156 |
| Knutsford | 134 | Winsford | 235 |

Paediatric Service

(from Dr. J. D. Allan).

The County Paediatric Service has continued as in previous years on the general basis of 3 consultative clinics per month based in the towns of Crewe and Northwich (two in Crewe and one in Northwich). There is a continuous reference of patients by the General Practitioners. From these clinics as and when necessary, children requiring further investigation for diagnosis are admitted to hospital, generally in Macclesfield. Both these clinics continue to fulfil very useful purposes in that a wealth of clinical material is uncovered through this agency, a fact which is due largely to the circumstances that neither Crewe nor Northwich have any official Regional Board Paediatric cover. I should say that the General Practitioners are continuing to make increasing use of the services which we provide—this being particularly true of Northwich. As in previous years we have worked on the premise of using local hospitals for the more routine investigations and x-rays to avoid any unnecessary use of the Ambulance Service, and to try to avoid loss of work and inconvenience to the parents. It has been our experience that any hospital department approached thereby has co-operated invariably wholeheartedly.

The Cerebral Palsy peripatetic team continues to thrive and it is felt that this has been an unqualified success. We are still operating on the premise of trying to find and diagnose the cerebral palsied child as early in life as possible on the basis that full calibration of disability established early will result in an adequate orientation of necessary therapy at the earliest possible time. There can be no doubt that this service is useful and justified. In some cases which one might perhaps have regarded as almost hopeless, quite remarkable improvement has occurred over a period of sometimes as short as 6 months. Perhaps one of the best indications that the project is worthwhile is the enthusiasm and appreciation of the parents which in turn is reflected in the very high standard of attendance achieved at these clinics. The educational assessment as provided by the specially trained school medical officer is also proving increasingly useful.

There are undoubtedly quite a number of families whose general integration into society is prejudiced by the presence therein of a psychologically dis-oriented child. It is possible now to get the opinion of a Child Psychiatrist but thereafter it is actually impossible to do very much in view of the fact that there is a great shortage of the necessary facilities for treatment particularly the temporary placing of such children in a suitable new environment for therapy.

The ward rounds for School Medical Officers continue to be held once a month and continue to be available to all concerned.

ATTENDANCES AT PAEDIATRIC CLINICS, 1958.

(School Children only)

| | | | |
|------------------------|----|--------------------------|----|
| Crewe, Ludford Street | 22 | Northwich, Darland House | 32 |
| Crewe, Stalbridge Road | 36 | | |

Orthopaedic Service

The orthopaedic service is the financial responsibility of Regional Hospital Boards under the National Health Service Act. The methods of ascertainment remain the same, children being referred to the surgeons by private doctors, or (with the approval of the private doctor) by School Medical Officers after medical inspection at schools or minor ailment clinics.

ATTENDANCES AT ORTHOPAEDIC CLINICS, 1958
(School Children only)

| | | | |
|----------------|------|----------------|------|
| Dukinfield | 1506 | Northwich | 158 |
| Ellesmere Port | 151 | Runcorn | 669 |
| Hyde | 1346 | Stalybridge | 1251 |
| New Ferry | 171 | Stockton Heath | 422 |

Children attending for sunlight treatment are the responsibility of the local authority unless referred for it by the specialist. The following were the attendances during 1958 by school children at the clinics specified:—

| | |
|-------------|------|
| Dukinfield | 1241 |
| Hyde | 632 |
| New Ferry | 323 |
| Sale | 431 |
| Stalybridge | 1107 |

Psychological Service.

(from Dr. H. Craig).

I have pleasure in submitting a further short report on the Psychological Service in the County evolved largely in response to increasing demands for help in disturbed children cared for by the relevant departments of the County Council.

The psychological team envisaged in last year's report has not yet materialised, but already the addition of a psychiatric social worker is reflected in the amount of work undertaken. At present there are 130 cases on the books, and during the year 48 cases were remanded by the Magistrates for psychiatric reports. There are still too many cases having to wait too long before they receive attention, and if, as seems probable for the present, one must continue with one team, one sees many advantages in terms of efficiency, and the amount of work covered if the personnel were expanded to two Psychologists and three social workers. I add the usual summary of the various types of cases seen, and repeat my thanks to all who have co-operated.

- (1) BEHAVIOUR PROBLEMS:—truancy 13, wandering 9, lying 7, stealing 35, difficult behaviour 20.
- (2) PSYCHOSOMATIC:—enuresis 5, encopresis 4, asthma 1, others 1.

- (3) EDUCATIONAL:—backwardness 5, school difficulties 7, suitability for grammar school education 10, boarding school 5
- (4) PERSONALITY DISORDERS:—aggressiveness and cruelty 11, fears and nervousness 6, sex difficulties 8, others 3.
- (5) OTHERS:—suitability for adoption 3, speech difficulties 3, E.S.N. and M.D. 16, early psychosis 6.

Torpenhow Open Air School

The school is situated on the hill at Frankby overlooking the estuary of the River Dee.

There is accommodation for 78 pupils suffering from malnutrition, general debility and chest conditions such as asthma, bronchitis, and bronchiectasis. In addition, children who are contacts of cases of open pulmonary tuberculosis are segregated from the source of infection by being admitted to the school. School children of both sexes within the age range of 7-11 years are admitted.

Children suitable for admission are selected by the School Medical Officers at medical inspections and enter Torpenhow Open-Air School initially for a period of six months, this being renewed if found to be necessary. Pupils remain at Torpenhow throughout the year, with the exception of the month of August, and attend the school during the normal school term. During the school holidays a number of recreational activities such as walks, picnics, games and visits to places of interest are organised.

Owing to the general improvement in the health of children and housing conditions generally over the past few years the demand for open-air school education by Cheshire children has declined. In consequence of this, a number of local Education Authorities have been given particulars of the school with a view to inviting applications for suitable children residing within their areas, and during the year 4 children from other Authorities attended the School.

During the year 135 children were admitted and 127 were discharged. They were classified according to their various disabilities as follows:—

| | <i>Admissions</i> | | <i>Discharges</i> | |
|-----------------------------|-------------------|--------------|-------------------|--------------|
| | <i>Boys</i> | <i>Girls</i> | <i>Boys</i> | <i>Girls</i> |
| General Debility | 48 | 41 | 44 | 45 |
| Asthma | 14 | 5 | 12 | 4 |
| Bronchitis | 11 | 8 | 12 | 5 |
| Bronchiectasis | — | 3 | — | 2 |
| Eczema and Asthma | 1 | 1 | — | 1 |
| Coeliac Disease | — | 1 | — | — |
| Diabetes | 1 | — | 1 | — |
| General Debility and Asthma | 1 | — | 1 | — |
| | 76 | 59 | 70 | 57 |

Grappenhall Hall School

This school has 100 places for educationally sub-normal boys generally within the I.Q. range of 55-75 aged 8-16 years, who suffer from additional difficulties such as poor environment, maladjustment, delinquent tendencies. In certain cases boys are admitted for a trial period in order to determine whether or not they are educable when this is in doubt.

The progress of the boys is kept under constant review and those who prove to be ineducable are excluded. At the other end of the scale a watch is constantly kept for the boy who makes exceptionally good progress which may justify his re-entry to an ordinary school. As a result of this constant review, there is an indication that the majority of boys remaining at the school to the age of 16 years will be able to take up ordinary employment.

Capenhurst Grange

In January 1958, 34 girls were transferred from the Mary Dendy School. The school accepts the same type of child, and is conducted on the same general lines as Grappenhall Hall.

Milk in Schools Scheme

All milk supplies under this scheme are subject to the approval of the County Medical Officer, and the County Health Department supervises all supplies mainly by means of systematic sampling. The examination of these samples is carried out in the County Public Health Laboratory.

Any new supply proposed for any particular school is first referred by the Director of Education to the Health Department for approval.

So far as the approval of particular sources is concerned, the first choice is normally a supply of pasteurised milk. If this is not available a supply of tuberculin-tested milk is approved.

No school in the county was without a supply of liquid milk at any time during the year.

During 1958, and for the first time, all samples of school milk were collected at the schools themselves, and every school in the county was visited.

Figures are appended showing the results of this work, and showing also the numbers of children consuming school milk and the grades of milk being supplied.

It will be seen that of 1,170 samples of pasteurised milk examined, only three failed to satisfy the phosphatase and Aschaffenburg-Mullen tests to determine the efficiency of pasteurisation. This compares very favourably with 1957 when 944 samples were examined by these tests, and as many as twelve were found unsatisfactory. Of these three unsatisfactory samples, two were of milk from dairies licensed by the County Council and appropriate action was taken directly by the Department in these cases. The remaining unsatisfactory sample was from a dairy in Manchester, and this failure was investigated by the Manchester City Health Department. None of these 1,170 samples of pasteurised milk failed on the Methylene Blue (reductase) test for cleanliness, compared with two failures in 1957.

In addition, 58 samples of Tuberculin-tested (raw) milk were examined by the test for cleanliness, and all were satisfactory. Twelve samples of tuberculin-tested milk were also examined by the guinea-pig for the presence of tubercle or brucella organisms, but no positive results were obtained.

Although all milk samples were collected from the schools, the sampling officers also collected 79 washed school-milk bottles from dairies licensed by the County Council when they were visiting those dairies to collect routine samples under the Milk and Dairies Regulations. All these bottles were found to have been satisfactorily cleansed when tested by the Coliform culture and colony count tests.

The results obtained from all this sampling appear to show a most satisfactory position regarding the quality of the milk supplied to the schools throughout the county.

In the case of the Borough of Crewe, which is an autonomous Food and Drugs Authority, the Borough Health Department carry out regular school milk sampling by arrangement with the County Health Department, and notify all the results.

SCHOOL MILK SAMPLES AND EXAMINATIONS, 1958.

| Total Samples Collected | | Phosphatase Test | | Aschaffenburg & Mullen Test | | Reductase Test | |
|----------------------------------|------|---------------------|--------|--------------------------------|--------|-------------------|--------|
| | | Passed | Failed | Passed | Failed | Passed | Failed |
| Pasteurised Tuberculin Tested | 1170 | 1167 | 3 | 1167 | 3 | *1159 | — |
| | 58 | — | — | — | — | 58 | — |
| | 1228 | 1167 | 3 | 1167 | 3 | 1217 | — |

* The Reductase Test was void in 11 cases because of high atmospheric shade temperature.

In October, 1958,³ the position in the county regarding school milk supplies could be summarised as follows:—

| Type of Milk | Schools sampled by Cheshire C.C. | | Schools sampled by Crewe M.B.C. | | No. of Children supplied | |
|-------------------------------|-----------------------------------|-------------------------|---------------------------------|---------|--------------------------|---------------|
| | No. of different supplies of milk | No. of schools supplied | Supplies | Schools | Total | As % of Total |
| Pasteurised Tuberculin-Tested | 36 | *623 | 2 | †30 | 107,198 | 99.62 |
| | 8 | 10 | — | — | 414 | 0.38 |
| TOTALS: | 44 | 633 | 2 | 30 | 107,612 | — |

* Includes 105 Non-maintained schools for which responsibility under the Milk in Schools Scheme was placed on the County Council as from 1st September, 1956.

† Includes 1 Non-maintained School.

HANDICAPPED CHILDREN

Numbers Attending Special Schools, 1958.

| BLIND AND PARTIALLY SIGHTED | Boys | Girls | Total |
|--|------|-------|-------|
| Birkenhead, Sight Saving Classes | 2 | 1 | 3 |
| Chorley Wood, College for the Blind | — | 2 | 2 |
| Coventry, Exhall Grange School for Partially Sighted | 1 | 2 | 3 |
| Kingwinford, Sunshine House | 1 | — | 1 |
| Liverpool, St. Vincent's School for Catholic Blind | 4 | 3 | 7 |
| Liverpool, Wavertree School for the Blind | 7 | 4 | 11 |
| Old Trafford, Henshaw's Institution for the Blind | 3 | 1 | 4 |
| Preston, Fulwood School for the Partially Sighted | 5 | 5 | 10 |
| Shrewsbury, Condover Hall | 1 | — | 1 |
| Wellington, Overley Hall Sunshine Home | 1 | 1 | 2 |
| Worcester, College for the Blind | 2 | — | 2 |

DEAF AND PARTIALLY DEAF

| | | | |
|---|----|----|----|
| Boston Spa, St. John's School for the Deaf | — | 2 | 2 |
| Burton-on-Trent, Needwood School for the Partially Deaf | — | 4 | 4 |
| Liverpool, Crown Street Day School for the Deaf | 1 | — | 1 |
| Manchester, Royal Residential Schools for the Deaf | 38 | 35 | 73 |
| Newbury, Donnington Lodge School | — | 1 | 1 |
| Newbury, Little Abbey School | 1 | — | 1 |
| Newbury, Mary Hare Grammar School | — | 2 | 2 |
| Oxford, St. Edward's School | 1 | — | 1 |
| Pcnn, Rayner's School | — | 1 | 1 |
| Preston, Royal Cross School for the Deaf | — | 1 | 1 |
| Southport, Liverpool School for Partially Deaf | 16 | 12 | 28 |
| Stoke-on-Trent, North Staffordshire School for the Deaf | 2 | — | 2 |

EDUCATIONALLY SUB-NORMAL

| | | | |
|--|-----|----|-----|
| Aberdeen, Camphill School (Rudolf Steiner) | 1 | 1 | 2 |
| Bolton, Crowthorn School | 1 | — | 1 |
| Bradford, Grange Street Day School | — | 2 | 2 |
| Bristol, The Hatch (Rudolf Steiner) | 1 | — | 1 |
| Bristol, Thornbury House (Rudolf Steiner) | 1 | — | 1 |
| Capenhurst, Capenhurst Grange School | — | 40 | 40 |
| Grappenhall, Grappenhall Hall School | 116 | — | 116 |
| Liverpool, Allerton Priory R.C. School | — | 2 | 2 |
| Middlewich, Bostock Hall | — | 1 | 1 |
| Reigate, Salmon's Cross School | 2 | — | 2 |
| Ringwood, West Mount (Rudolf Steiner) | — | 1 | 1 |
| Southborough, Meadow House School | 1 | — | 1 |
| Stroud, Farmhill House School | 1 | — | 1 |
| Tunbridge Wells, Broomhill Bank School | — | 1 | 1 |
| Wallasey, Claremont Day School | 1 | — | 1 |
| Whaley Bridge Taxal Lodge School | 1 | — | 1 |
| Wythenshawe, Park Day School | — | 1 | 1 |

EPILEPTIC

| | | | |
|---------------------------------------|---|---|---|
| Alderley Edge, Colthurst House School | 3 | 3 | 6 |
| Chelford, Soss Moss School | — | 1 | 1 |
| Kendal, Sedgwick House School | 1 | — | 1 |
| Lingfield, School for Epileptics | 1 | — | 1 |
| Liverpool, Maghull School | 4 | 3 | 7 |

MALADJUSTED

| | Boys | Girls | Total |
|----------------------------------|------|-------|-------|
| Bolney, Ferney Close | — | 1 | 1 |
| Dulwich, Rudolf Memorial School | — | 1 | 1 |
| Harmer Hill, Shotton Hall School | 6 | — | 6 |
| Hooke, St. Francis School | 1 | — | 1 |
| Market Drayton, Cloverley Hall— | 1 | — | 1 |
| Stow in the Wold, St. Hilliards | 1 | — | 1 |
| Thelwall, Chaigeley | 2 | — | 2 |
| Towcester, Pottersporry Lodge | 2 | — | 2 |

DELICATE AND VARIOUS

| | | | |
|---|----|----|-----|
| Abergele, Chest Hospital School | 1 | — | 1 |
| Ashton-under-Lyne, General Hospital | 5 | 2 | 7 |
| Bebington, Clatterbridge Hospital | 69 | 52 | 121 |
| Birkenhead, St. Catherine's Hospital | 6 | 5 | 11 |
| Chester Hospitals | 8 | 7 | 15 |
| Cockermouth, Lorton Hall | — | 1 | 1 |
| Congleton, Great Moreton Hall Boarding School | 1 | — | 1 |
| Dayhulme, Park Hospital | 3 | 1 | 4 |
| Frankby, Torpenhow Open-Air School | 93 | 75 | 168 |

(including (including
3 from 1 from
other another
authorities) authority)

| | | | |
|--|----|----|----|
| Heswall, Cleaver Sanatorium | 1 | 3 | 4 |
| Heswall, Royal Liverpool Children's Hospital | 17 | 8 | 25 |
| Leasowe, Open-Air School | 12 | 4 | 16 |
| Liverpool, Alder Hey Hospital | 9 | 11 | 20 |
| London, Hospital for Sick Children, Great Ormond St. | — | 1 | 1 |
| Macclesfield, West Park Hospital | 42 | 34 | 76 |
| Manchester, Booth Hall Hospital | — | 7 | 7 |
| Manchester, Royal Manchester Children's Hospital | 4 | 4 | 8 |
| Margate, Coney Hill | 1 | — | 1 |
| Marlborough, Children's Convalescent Hospital School | — | 1 | 1 |
| Marple, Children's Orthopaedic Hospital | 2 | — | 2 |
| Southport, Children's Convalescent Hospital | 3 | 4 | 7 |
| Stockport, Cherry Tree Hospital | 11 | 9 | 20 |
| Stockport, Stepping Hill | 8 | 8 | 16 |
| Stoke, City General Hospital | — | 1 | 1 |
| Styal, Manchester Residential Open-Air School | 1 | — | 1 |
| Thingwall Hospital | 1 | 6 | 7 |
| West Kirby, Children's Convalescent Home | 5 | 2 | 7 |
| Whiston, County Hospital | 1 | 1 | 2 |
| Wrightington, Hospital Special School | 6 | 7 | 13 |
| Wythenshawe, Hospital School | 9 | 7 | 16 |

Heart

| | | | |
|--|---|---|---|
| Bebington, Clatterbridge Hospital | — | 1 | 1 |
| Leasowe, Open-Air Hospital | 2 | 3 | 5 |
| Macclesfield, West Park Hospital | 2 | 1 | 3 |
| Rainhill, St. Joseph's Heart Hospital | 2 | 2 | 4 |
| West Kirby, Children's Convalescent Home | — | 2 | 2 |

PHYSICALLY HANDICAPPED

| | Boys | Girls | Total |
|--|------|-------|-------|
| Alverstoke, Gosport, Sunshine House School | — | 1 | 1 |
| Bebington, Clatterbridge Hospital | 23 | 18 | 41 |
| Biddulph, Orthopaedic Hospital | 1 | 5 | 6 |
| Birmingham, Children's Hospital Special School | 1 | — | 1 |
| Cardiff, Craig-y-Parc, Pentrych | 1 | — | 1 |
| Cardiff, Prince of Wales Orthopaedic Hospital | — | 1 | 1 |
| Carshalton, Queen Mary's Hospital | — | 2 | 2 |
| Chailey, The Heritage Craft School | 1 | — | 1 |
| Cheadle, Bethesda Home for Cripples | 2 | 1 | 3 |
| Eccleshall, Standon Hall Orthopaedic Hospital | 1 | — | 1 |
| Harpenden, Elmfield School | — | 1 | 1 |
| Heswall, Royal Liverpool Children's Hospital | 4 | 4 | 8 |
| Killinghall, Ian Tetley Hospital Home | 2 | 1 | 3 |
| Leasowe, Open-Air Hospital | 2 | 5 | 7 |
| Liverpool, Alder Hey Hospital | 3 | 2 | 5 |
| Liverpool, Children's Rest School of Recovery | 5 | 2 | 7 |
| London, Halliwick Cripples' School | — | 1 | 1 |
| Marple, Children's Orthopaedic Hospital | 4 | 3 | 7 |
| Mobberley, Margaret Barclay Special School | 3 | 3 | 6 |
| Oswestry, Derwen Cripples' Training College | 2 | — | 2 |
| Oswestry, Orthopaedic Hospital | 45 | 37 | 82 |
| Silverdale, Bleasdale House Special School | 1 | — | 1 |
| Southport, The Bradstock Lockett | — | 1 | 1 |
| Stanmore, Royal National Orthopaedic Hospital | — | 1 | 1 |
| Tickhill, Hesley Hall Special School | 1 | — | 1 |
| Tonbridge, The Thomas De La Rue School | 1 | — | 1 |
| Wellingborough, Hinwick Hall | 1 | — | 1 |
| West Didsbury, Lancasterian Special Day School | 1 | 4 | 5 |

Tuberculosis

| | | | |
|--|----|----|----|
| Bebington, Clatterbridge Hospital | 2 | 5 | 7 |
| Heswall, Cleaver Sanatorium | 27 | 33 | 60 |
| Heswall, Royal Liverpool Children's Hospital | 5 | 5 | 10 |
| Leasowe, Open-Air School | 1 | 1 | 2 |
| Macclesfield, West Park Hospital | — | 1 | 1 |
| Marple, Children's Orthopaedic Hospital | 1 | — | 1 |

Resident in Boarding Homes and Attending Ordinary Schools, 1958

DIABETIC

| | Boys | Girls | Total |
|--------------------------------|------|-------|-------|
| Hammersmith, Palingwick Hostel | 1 | — | 1 |

MALADJUSTED

| | | | |
|--------------------------------|---|---|---|
| Old Alresford, Alresford Place | — | 1 | 1 |
| Preston, The Larches Hostel | 1 | — | 1 |

MEDICAL INSPECTION RETURNS

Year ended 31st December, 1958

TABLE I

Medical Inspection of Pupils attending Maintained
Primary and Secondary Schools

A.—PERIODIC MEDICAL INSPECTIONS

| Age Groups Inspected (By year of birth) | Number Inspected | Physical Condition of pupils inspected | | Pupils found to require treatment (excluding dental diseases and infestation with Vermin) | | |
|--|------------------|--|----------------|--|---|-------------------------|
| | | Satisfactory | Unsatisfactory | For defective vision (excluding squint) | For any of the other conditions recorded in table III | Total individual pupils |
| 54 and later | 69 | 69 | — | — | 20 | 20 |
| 1953 | 4253 | 4090 | 163 | 40 | 564 | 603 |
| 1952 | 4750 | 4626 | 124 | 65 | 547 | 609 |
| 1951 | 1003 | 972 | 31 | 25 | 130 | 154 |
| 1950 | 612 | 585 | 27 | 46 | 59 | 105 |
| 1949 | 1996 | 1871 | 125 | 145 | 172 | 307 |
| 1948 | 5110 | 4943 | 167 | 424 | 479 | 879 |
| 1947 | 3605 | 3513 | 92 | 272 | 299 | 562 |
| 1946 | 964 | 959 | 5 | 109 | 78 | 182 |
| 1945 | 961 | 959 | 2 | 83 | 72 | 150 |
| 1944 | 4188 | 4169 | 19 | 360 | 388 | 728 |
| 43 and earlier | 4137 | 4130 | 7 | 407 | 318 | 713 |
| Total | 31648 | 30886 | 762 | 1976 | 3126 | 5012 |

The physical condition of 99.98% of the total number of pupils examined at periodic inspections was considered satisfactory.

B.—OTHER INSPECTIONS

| | | | | | |
|-------------------------------|---|---|---|---|-------|
| Number of Special Inspections | — | — | — | — | 5212 |
| Number of Re-Inspections | — | — | — | — | 10178 |
| Total | — | — | — | — | 15390 |

TABLE II.

Infestation with Vermin

| | |
|--|--------|
| (i) Total number of individual examinations of pupils in schools by the school nurses or other authorised persons | 115109 |
| (ii) Total number of individual pupils found to be infested | 3618 |
| (iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944) | 1500 |
| (iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944) | 118 |

TABLE III

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31st DECEMBER, 1958
A—PERIODIC INSPECTIONS

| Defect Code No. (1) | Defect or Disease (2) | PERIODIC INSPECTIONS | | | | | | | | TOTAL | |
|------------------------------|--------------------------|-------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|----------------------------------|-------|--|
| | | Entrants | | Leavers | | Others | | | | | |
| | | Requiring treatment (3) | Requiring observation (4) | Requiring treatment (5) | Requiring observation (6) | Requiring treatment (7) | Requiring observation (8) | Requiring treatment (9) | Requiring observation (10) | | |
| 4 | Skin | 104 | 84 | 123 | 41 | 172 | 100 | 399 | 225 | | |
| 5 | Eyes— | | | | | | | | | | |
| | (a) Vision | 170 | 202 | 705 | 457 | 1101 | 699 | 1976 | 1358 | | |
| | (b) Squint | 164 | 86 | 29 | 10 | 85 | 47 | 278 | 143 | | |
| | (c) Other | 18 | 18 | 12 | 45 | 35 | 34 | 65 | 97 | | |
| 6 | Ears— | | | | | | | | | | |
| | (a) Hearing | 41 | 111 | 12 | 35 | 47 | 93 | 100 | 239 | | |
| | (b) Otitis Media | 22 | 34 | 16 | 20 | 22 | 18 | 60 | 72 | | |
| | (c) Other | 18 | 31 | 37 | 18 | 29 | 35 | 84 | 84 | | |
| 7 | Nose and Throat | 466 | 1209 | 79 | 153 | 202 | 582 | 747 | 1944 | | |
| 8 | Speech | 105 | 136 | 9 | 13 | 46 | 38 | 160 | 187 | | |
| 9 | Lymphatic Glands | 19 | 433 | — | 63 | 1 | 167 | 20 | 663 | | |
| 10 | Heart | 12 | 77 | 12 | 73 | 21 | 72 | 45 | 222 | | |
| 11 | Lungs | 68 | 206 | 26 | 59 | 46 | 159 | 140 | 424 | | |
| 12 | Developmental— | | | | | | | | | | |
| | (a) Hernia | 16 | 26 | 4 | 9 | 12 | 16 | 32 | 51 | | |
| | (b) Other | 22 | 75 | 10 | 15 | 37 | 93 | 69 | 183 | | |
| 13 | Orthopaedic— | | | | | | | | | | |
| | (a) Posture | 35 | 28 | 47 | 92 | 92 | 153 | 174 | 273 | | |
| | (b) Feet | 137 | 130 | 101 | 70 | 167 | 128 | 405 | 328 | | |
| | (c) Other | 78 | 133 | 50 | 83 | 105 | 125 | 233 | 341 | | |
| 14 | Nervous System— | | | | | | | | | | |
| | (a) Epilepsy | 7 | 13 | 6 | 8 | 16 | 12 | 29 | 33 | | |
| | (b) Other | 7 | 12 | — | 6 | 11 | 23 | 18 | 41 | | |
| 15 | Psychological— | | | | | | | | | | |
| | (a) Development | 2 | 37 | 14 | 57 | 20 | 121 | 36 | 215 | | |
| | (b) Stability | 6 | 66 | 5 | 72 | 16 | 68 | 27 | 206 | | |
| 16 | Abdomen | 15 | 28 | 1 | 1 | 9 | 28 | 25 | 57 | | |
| 17 | Other | 66 | 78 | 45 | 36 | 81 | 132 | 192 | 247 | | |

TABLE III. (Continued)

B.—SPECIAL INSPECTIONS

| Defect Code No. | Defect or Disease | Special Inspections | |
|-----------------------|-------------------------|------------------------|--------------------------|
| | | Requiring Treatment | Requiring Observation |
| (1) | (2) | (3) | (4) |
| 4 | Skin | 51 | 28 |
| 5 | Eyes— <i>a.</i> Vision | 573 | 354 |
| | <i>b.</i> Squint | 54 | 9 |
| | <i>c.</i> Other | 23 | 17 |
| 6 | Ears— <i>a.</i> Hearing | 34 | 77 |
| | <i>b.</i> Otitis Media | 6 | 14 |
| | <i>c.</i> Other | 7 | 4 |
| 7 | Nose and Throat | 91 | 266 |
| 8 | Speech | 77 | 52 |
| 9 | Lymphatic Glands | 3 | 64 |
| 10 | Heart | 9 | 44 |
| 11 | Lungs | 25 | 103 |
| 12 | Developmental— | | |
| | <i>a.</i> Hernia | 4 | 6 |
| | <i>b.</i> Other | 7 | 29 |
| 13 | Orthopaedic— | | |
| | <i>a.</i> Posture | 17 | 51 |
| | <i>b.</i> Feet | 66 | 83 |
| | <i>c.</i> Other | 52 | 31 |
| 14 | Nervous system— | | |
| | <i>a.</i> Epilepsy | 10 | 12 |
| | <i>b.</i> Other | 8 | 8 |
| 15 | Psychological— | | |
| | <i>a.</i> Development | 40 | 126 |
| | <i>b.</i> Stability | 6 | 33 |
| 16 | Abdomen | 4 | 8 |
| 17 | Other | 44 | 50 |

TABLE IV.

**Treatment of Pupils attending Maintained
Primary and Secondary Schools.**

GROUP 1.—EYE DISEASES, DEFECTIVE VISION AND SQUINT.

| | Number of cases known to have been dealt with |
|--|---|
| External and other, excluding errors of refraction and squint | 1339 |
| Errors of Refraction (including squint) | 9889 |
| Total | 11228 |
| Number of pupils for whom spectacles were prescribed | 4040 |

**GROUP 2.—DISEASES AND DEFECTS OF EAR, NOSE AND
THROAT**

| | Number of cases known to have been treated |
|--|--|
| Received operative treatment | |
| (a) for diseases of the ear | 12 |
| (b) for adenoids and chronic tonsillitis | 302 |
| (c) for other nose and throat conditions | 5 |
| Received other forms of treatment | 476 |
| Total | 795 |
| Total number of pupils in schools who are known to have been provided with hearing aids | |
| (a) in 1958 | 16 |
| (b) in previous years | 35 |

GROUP 3.—ORTHOPAEDIC AND POSTURAL DEFECTS.

| | |
|--|------|
| (a) Number of pupils known to have been treated at clinics or out-patient departments | 1310 |
| (b) Pupils treated at school for postural defects | 191 |
| Total | 1501 |

**GROUP 4.—DISEASES OF THE SKIN (excluding uncleanliness,[†] for
which see Table II).**

| | Number of cases known to have been treated |
|---------------------|--|
| Ringworm— (i) Scalp | 4 |
| (ii) Body | 6 |
| Scabies | 37 |
| Impetigo | 230 |
| Other skin diseases | 1016 |
| Total | 1293 |

GROUP 5—CHILD GUIDANCE TREATMENT.

No. of pupils treated at Child Guidance Clinics— 33

GROUP 6—SPEECH THERAPY

| | |
|---|-------|
| Total number of sessions at Clinics | 1626 |
| No. of pupils referred for Speech Therapy | 419 |
| No. of pupils treated | 321 |
| Total attendances at Clinics | 11894 |
| No. of visits to Schools | 285 |
| No. of children examined at Schools | 805 |
| No. of visits to the homes of pupils | 329 |

GROUP 7—OTHER TREATMENT GIVEN.

| | |
|--|------|
| Miscellaneous Minor Ailments | 5254 |
| Pupils who received B.C.G. vaccination | 5261 |

TABLE V

Dental Inspection and Treatment carried out by the Authority

| | | | |
|--|---|-----------|-------|
| (1) Number of pupils inspected by the Authority's Dental Officers— | | | |
| (a) At Periodic Inspections | — | — | 74197 |
| (b) As Specials | — | — | 8380 |
| | | Total (1) | 82577 |
| | | | |
| (2) Number found to require treatment | — | — | 47476 |
| (3) Number offered treatment | — | — | 45326 |
| (4) Number actually treated | — | — | 30305 |
| (5) Number of attendances made by pupils for treatment, including those recorded at heading 11 (h) overleaf | | | 54949 |
| (6) Half-days devoted to : Periodic (School) Inspection | — | | 714 |
| Treatment | — | — | 7882 |
| | | Total (6) | 8596 |
| | | | |
| (7) Fillings | | | |
| Permanent Teeth | — | — | 36643 |
| Temporary Teeth | — | — | 5256 |
| | | Total (7) | 41899 |
| | | | |
| (8) Number of teeth filled : Permanent Teeth | — | — | 29191 |
| Temporary Teeth | — | — | 4893 |
| | | Total (8) | 34084 |

| | | | | |
|---|--|-------|-------|--------------|
| (9) Extractions : | Permanent Teeth | — | — | 11400 |
| | Temporary Teeth | — | — | 28008 |
| Total (9) | | | | <u>39408</u> |
| (10) Administration of general anaesthetics for extraction— | | | | <u>11612</u> |
| (11) Orthodontics : | | | | |
| (a) | Cases commenced during the year | ..... | ..... | 176 |
| (b) | Cases carried forward from the previous year | ..... | ..... | 125 |
| (c) | Cases completed during the year | ..... | ..... | 88 |
| (d) | Cases discontinued during the year | ..... | ..... | 40 |
| (e) | Pupils treated with appliances | ..... | ..... | 287 |
| (f) | Removable appliances fitted | ..... | ..... | 241 |
| (g) | Fixed appliances fitted | ..... | ..... | 46 |
| (h) | Total attendances | ..... | ..... | <u>1974</u> |
| (12) Number of pupils supplied with artificial dentures | | | | <u>177</u> |
| (13) Other Operations : | Permanent Teeth | ..... | — | 6792 |
| | Temporary Teeth | ..... | — | 1512 |
| Total (13) | | | | <u>8304</u> |

TABLE VI.

Number of handicapped pupils examined in School.

| Defect | Number of | |
|------------------------|-----------|-----------|
| | New Cases | Re-exams. |
| Blind | — | 3 |
| Partially Sighted | 6 | 27 |
| Deaf | 3 | 9 |
| Partially Deaf | 10 | 16 |
| Delicate | 28 | 154 |
| Diabetic | 9 | 10 |
| E.S.N. | 85 | 346 |
| Epileptic | 29 | 87 |
| Maladjusted | 1 | 10 |
| Physically Handicapped | 54 | 191 |
| Speech Defect | 13 | 44 |

TABLE VII.

| | | |
|--|---|------|
| Medical Examinations at School Clinics | — | 3843 |
| Number of children examined for part-time employment | — | 740 |
| Number of Special Reports completed on children examined at— | | |
| Schools | — | 161 |
| School Clinics | — | 207 |
| Homes of Pupils | — | 494 |
| | | 862 |

LIST OF SCHOOL CLINICS

| Clinic | Address | Type of Clinic | Day held |
|------------------|--|---|---|
| ALSAGER | 15, Centre Court, Alsager. | Minor Ailment Doctor's Sessions E.N.T. Eye | Mon. to Fri. a.m. 1st & 3rd Fri. (11 a.m.—12-15 p.m.)* 3rd Mon. p.m. 1st & 3rd Wed. a.m. |
| ALTRINCHAM | 12, The Mount, Altrincham. 145, Park Road, Timperley. 69 Station Bldgs, Altrincham. | Minor Ailment Doctor's Sessions Minor Ailment Doctor's Sessions Speech | Mon. a.m. 2nd and 4th Mon. a.m.* Wed. a.m. 1st & 3rd Wed. a.m. if required Tues. a.m. & p.m. Fri. a.m. & p.m. |
| BARNTON | Methodist School Room, Runcorn Road, Barnton. | Minor Ailment | Wed. a.m. |
| BEBINGTON | Council Offices, Bromborough. 218, Bebington Road, Bebington. St. Mark's Parish Room, Grove Street, New Ferry. | Minor Ailment Doctor's Sessions Speech Minor Ailment Doctor's Sessions Eye | 1st Tues. a.m. When required. Tues. a.m. & p.m. Wed. a.m. and p.m. Mon., Wed., Fri. p.m. Wed. a.m.* Fri. a.m. & 3rd Sat. a.m. |
| BOLLINGTON | Wellington Rd., Bollington, Macclesfield. | Minor Ailment Doctor's Sessions E.N.T. Eye | Tues. a.m. 1st Tues. a.m.* Odd Mths. 1st Fri. p.m. 2nd Tues. p.m. |
| BREDBURY | Lower Bents Lane, Bredbury. | Minor Ailment Eye | Thurs. a.m. 1st, 2nd & 5th Thurs. a.m. |
| CHEADLE | Brookfield, Wilmslow Road, Cheadle. | Minor Ailment Doctor's Sessions Eye E.N.T. Speech | Mon. a.m. 1st Mon. a.m.* Tues. a.m. Even Months 2nd Mon. p.m. Mon. a.m. & p.m. Tues. a.m. |
| CHEADLE HULME | Parish Hall, Church Road, Cheadle Hulme. | Minor Ailment Eye | Wed. p.m. 2nd & 3rd Thurs. a.m. |
| CONGLETON | Park Street, Congleton | Minor Ailment Doctor's Sessions E.N.T. Eye Speech | Mon. a.m. 1st Friday a.m.* Odd Mths. 4th Thurs. a.m. 2nd Wed. p.m. Tues. p.m. |

*If required

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| CREWE | 201 Edleston Rd., Crewe. | Speech | Tues. & Wed. a.m. and p.m. |
| | Ludford Street, Crewe. | Minor Ailment Doctor's Sessions | Mon. & Wed. a.m. Mon. & Wed. a.m. if required |
| | | E.N.T. | 3rd Fri. a.m. |
| | | Eye | 1st, 2nd, 4th & 5th Fri. a.m. |
| | | Paediatric | 3rd Fri. p.m. |
| | Stalbridge Road, Crewe. | Minor Ailment Doctor's Sessions | Tues. a.m. Tues. a.m. |
| | | Eye | As Required |
| | | Paediatric | 1st Fri. p.m. |
| DUKINFIELD | King Street, Dukinfield. | Minor Ailment Doctor's Sessions | Mon. to Thurs. a.m. Tues. a.m. * |
| | | E.N.T. | 4th Mon. p.m. |
| | | Eye | 1st, 2nd & 4th Fri. p.m. |
| ELLESMERE PORT | York Road, Ellesmere Port. | Minor Ailment Doctor's Sessions | Mon. & Thurs. a.m. Thurs. a.m.* |
| | | E.N.T. | Alt. Mon. a.m. |
| | | Eye | Fri. a.m. |
| | | Speech | Tues. a.m. |
| FRODSHAM | The Rock Clinic, High Street, Frodsham. | Minor Ailment E.N.T. | As Required Odd Mths. 3rd Thurs. a.m. |
| | | Eye | 4th Thurs. a.m. 2nd Wed. a.m. |
| HALE | Lister House, 9 Broomfield Lane, Hale. | Minor Ailment Doctor's Sessions | Mon. & Fri. p.m., Wed. a.m. 1st & 3rd Friday p.m.* |
| | | Eye | Tues. a.m. |
| HAZEL GROVE | 253, London Rd., Hazel Grove. | Minor Ailment Doctor's Sessions | 2nd Tues. a.m. 2nd Tues. a.m. * |
| | | E.N.T. | Even Mths. 3rd Thurs. a.m. |
| | | Eye | 1st & 4th Thurs. a.m. |
| | | Speech | Mon. a.m. |
| HESWALL | Telegraph Road, Heswall. | Minor Ailment Doctor's Sessions | Tues. p.m. 1st Tues. p.m.* |
| | | Eye | 2nd & 4th Fri. p.m. |
| | | Speech | Fri. a.m. & p.m. |
| HOLLING- WORTH | Wedneshaugh Green, Hollingworth. | Minor Ailment | Tues. p.m. |
| HOOLE | 55, Hoole Road, Hoole. | Minor Ailment Doctor's Sessions | 2nd Wed. p.m. 2nd Wed. p.m.* |
| | | Eye | 2nd & 5th Thurs. p.m. |
| | | Speech | Fri. a.m. & p.m. |
| HOYLAK | Broomfield, Meols Drive, Hoylake. | Minor Ailment Doctor's Sessions | Fri. a.m. Fri. a.m. if required |
| | | Eye | 1st & 3rd Fri. p.m. |
| | | Speech | Mon. a.m. & p.m. |

*If required

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| HYDE | Reform Club Buildings, Market Place, Hyde. | Minor Ailment | Mon., Wed. & Fri. a.m. |
| | | Doctor's Sessions | Mon. a.m.* |
| | | Eye (Specialist) | 1st Tues. a.m. 3rd. Fri. p.m. |
| KNUTSFORD | County Offices, Bexton Road, Knutsford. | Eye (D.M.O.) | 4th Tues. a.m. |
| | | Speech | Wed., Thurs. a.m. & p.m. |
| | | Minor Ailment | Wed. a.m. |
| LITTLE SUTTON | Chester Road, Little Sutton, | Doctor's Sessions | 2nd & 4th Wed. a.m.* |
| | | Eye | 3rd Thurs. p.m. |
| | | Minor Ailment | Fri. a.m. |
| LYMM | 29, Eagle Brow, Lymm. | Speech | Tues. p.m., Wed. a.m. |
| | | Minor Ailment | Wed. a.m. 2nd & 4th Wed. p.m. |
| | | Doctor's Sessions | 2nd Wed. p.m. as required |
| MACCLESFIELD | Sanders Square, Macclesfield. | Eye | 4th & 5th Thurs. p.m. |
| | | Minor Ailment | Mon.—Fri. 9-15-10 a.m. |
| | | Minor Ailment | Mon.—Fri. a.m. 9-15—10 a.m. |
| | Pierce Street, Macclesfield. | Doctor's Sessions | Friday a.m.* |
| | | E.N.T. | 1st Fri. a.m. |
| | | Eye | 1st Mon. p.m. 1st, 3rd & 4th Tues. p.m., 4th Thurs. a.m. |
| MALPAS | 52, Bridge St., Macclesfield. | Speech | Thurs. a.m. & p.m. & Fri. a.m. |
| | | Minor Ailment | Tues. p.m. |
| | | Minor Ailment | Wed. a.m. |
| MARPLE | Stockport Rd., Marple. | Doctor's Sessions | Wed. a.m.* |
| | | Eye | 3rd Thurs. a.m. |
| | | Speech | Tues. a.m. & p.m. |
| MIDDLEWICH | The Priory, 85, Wheelock St., Middlewich. | Minor Ailment | Mon. a.m. |
| | | E.N.T. | Even Mths. 4th Thurs. a.m. |
| | | Eye | 3rd Tues p.m. |
| NANTWICH | The Dowery, Barker Street, Nantwich. | Minor Ailment | Wed. a.m. |
| | | Doctor's Sessions | 2nd & 4th Mon. a.m.* |
| | | Eye | 2nd, 3rd, 4th & 5th Thurs. a.m. |
| NESTON | Mellock Lane Neston. | Minor Ailment | Tues. a.m. |
| | | Doctor's Sessions | 1st Tues. a.m.* |
| | | Eye | 1st Wed. a.m. |
| NORTHWICH | Parkfield, Middlewich Rd., Northwich. | Speech | Thurs. a.m. |
| | | Minor Ailment | Wed. a.m. |
| | | E.N.T. | 2nd Fri. a.m. |
| | Darland House, Winnington Hill, Northwich. | Eye | 1st, 2nd & 3rd Thurs. a.m. |
| | | Minor Ailment | Tues. a.m. |
| | | Paediatric | 4th Mon. p.m. |
| | | Speech | Mon. a.m. & p.m. Thurs. a.m. |

*If required

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| POYNTON | Park Lane, Poynton. | Minor Ailment Doctor's Sessions E.N.T. Eye | Tues. p.m. 3rd Tues. p.m.* Even Mths. 3rd Wed. p.m. 2nd Thurs. p.m. |
| ROMILEY | Leyfield Ave., Romiley. | Minor Ailment | Mon., Wed. & Fri. a.m. |
| RUNCORN | 28, Halton Road, Runcorn. | Minor Ailment Doctor's Sessions Eye Speech | Mon. & Fri. a.m. 2nd Fri. a.m. as required Tues. p.m. Mon. a.m. & p.m. |
| SALE | 70, Chapel Road, Sale. | Minor Ailment Doctor's Sessions Eye Speech | Wed. a.m. Wed. a.m.* Mon. p.m. Mon. a.m. Thurs. a.m. & p.m. |
| SANDBACH | Marriott House, Sandbach. | Minor Ailment Doctor's Sessions E.N.T. Eye | Fri. a.m. 1st & 3rd Fri. a.m. (9-15 a.m. to 10-30 a.m.)* 4th Fri. a.m. 2nd, 3rd & 4th Mon. p.m. |
| STALYBRIDGE | High Street, Stalybridge. | Minor Ailment Doctor's Sessions Eye Speech | Mon., Wed. & Fri. a.m. Mon. a.m.* 2nd, 3rd, 4th Tues. a.m. Fri. a.m. & p.m. |
| STALYBRIDGE | Huddersfield Rd., Millbrook. | Minor Ailment | Mon. & Thurs. a.m. |
| STOCKTON HEATH | 65 Whitefield Rd. Stockton Heath. | Minor Ailment Eye Speech | Mon.—Fri. 9-10 a.m. 4th Tues. p.m. Wed. a.m. & p.m. |
| TARPORLEY | Victory Hall, Tarporeley. | Minor Ailment Eye | Fri. a.m. 1st Thurs. p.m. |
| TATTENHALL | Barbour Institute, Tattenhall. | Minor Ailment | Wed. a.m. |
| WEAVERHAM | Church Lane, Weaverham. | Minor Ailment Eye Speech | Fri. a.m. 3rd Fri. p.m. Thurs. p.m., Fri. a.m. |
| WILMSLOW | 3, Alma Lane, Wilmslow. | Minor Ailment E.N.T. Eye Speech | Thurs. a.m. Even Mths. 4th Wed. p.m. 1st Tues. p.m. Wed. a.m. & p.m. |
| WINSFORD | 98, Weaver St., Winsford. | Minor Ailment E.N.T. Eye | Mon. p.m. 2nd Wed. p.m. 1st Thursday a.m. 3rd & 4th Thurs. p.m. |

*If required

